



KIDS-BCD001-NSP(1-2)

## Clinical Study Report

# A safety test of 'GLUTANEX Glow Therapy Pore Pad' after 24 hours patch on human skin

Date : April 14, 2023

Requested by : Nexus Pharma Co., Ltd. (Korea)  
Performed by : Korea Institute of Dermatological Sciences (Korea)

# CERTIFICATE FOR RELIABILITY ASSURANCE



Title of the clinical study : A safety test of 'GLUTANEX Glow Therapy Pore Pad' after 24 hours patch on human skin

Case control No. : KIDS-BCD001-NSP(1-2)

This study was conducted according to the regulations of designation as the test institution for drugs, quasi-drugs, cosmetics, and medical devices; the guidelines of the management standards for clinical drug evaluations; the guidelines of *in vivo* clinical and *in vitro* evaluation studies; the guidelines of the experimental methods for cosmetic display and advertisements; and the guidelines of the validation of functional cosmetics of the Ministry of Food and Drug Safety, Republic of Korea; the laws of the bioethics and safety of the Ministry of Health and Welfare, Republic of Korea; and the standard operation procedure of the Korea Institute of Dermatological Sciences. All procedures were investigated by the person in charge of reliability assurance.

Title of the clinical study	A safety test of 'GLUTANEX Glow Therapy Pore Pad' after 24 hours patch on human skin				
Date	Step	RA inspection categories	RA inspection result	Approval date	Note
March 24, 2023	Study plan	Reporting plan	Approved	March 24, 2023	
April 03, 2023 ~ April 06, 2023	Performing clinical trial (Measurement progress)	Reporting implementation	Approved	April 06, 2023	
April 07, 2023 ~ April 10, 2023	Analyzing data, Confirming the information on test material	Inspecting raw data	Approved	April 10, 2023	
April 11, 2023 ~ April 13, 2023	Report work	Inspecting draft report	Approved	April 13, 2023	
April 14, 2023	Report final report	Inspecting final report	Approved	April 14, 2023	

This report was prepared on the basis of the experiment results and accurately reflects the data.

April 14, 2023

Scientific Director

In Sook An, Ph. D. (seal)

Reliability Assurance

Ka Ram Kim, Ph. D. (seal)

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# SUMMARY OF THE CLINICAL STUDY



Title of the clinical study	A safety test of 'GLUTANEX Glow Therapy Pore Pad' after 24 hours patch on human skin
Clinical trial institution	Korea Institute of Dermatological Sciences 6th Floor, Tower A, 25, Beobwon-ro 11-gil, Songpa-gu, Seoul, 05836, Republic of Korea
Sponsor	Nexus Pharma Co., Ltd.
Chief researcher	In Sook An, Ph.D.
Researcher	Dermatology specialist Wonwoong Shin, M.D., Ph.D. Seungbin Kwon, Il Hong, Yun Kim Minji Jo, Sugyeong Hong, Hyunkyung Kim, Yunjin Hwang, Soyeon Park
Trial period	March 24, 2023 (study initiation) ~ April 14, 2023 (study termination) For the study initiation, the person in charge of the study signed the clinical study proposal; for the study termination, the person in charge of the study signed the final report.
Trial period (Measurement period)	April 3, 2023 (First date of visit) ~ April 6, 2023 (End date of visit)
Inclusion criteria	Female volunteers over the age of twenty who met the inclusion criteria and were not included in the exclusion criteria were selected for this study.
The age and number of subjects who completed the final study	Thirty four subjects from thirty four to sixty three (Average 50.12, Standard deviation 7.19) of female
Name of the test material	GLUTANEX Glow Therapy Pore Pad
Methods	Thirty four healthy volunteers participated in the patch test using Finn Chamber on skin. Each of Finn Chambers containing a test material was fixed on the upper back of the subjects after cleaning up the test area with 70% ethanol and drying. The test material was cut into 7 mm in diameter and placed on 8 mm Finn Chamber. The test area was assessed at 30 minutes, 24 hours and 48 hours after a single application during 24 hours patch on the subjects. Skin reactions were scored by a dermatology specialist, following the criterion of International Contact Dermatitis Research Group (ICDRG).

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Results	Requested by Nexus Pharma Co., Ltd., skin reaction was assessed at 30 minutes, 24 hours and 48 hours after a single application during 24 hours patch of 'GLUTANEX Glow Therapy Pore Pad' on human skin. According to the criterion of International Contact Dermatitis Research Group (ICDRG), mean score was calculated after categorizing the degree of skin reaction. No skin reaction was noticed at 30 minutes, 24 hours and 48 hours after removing patch of 'GLUTANEX Glow Therapy Pore Pad' on the test area and the mean score obtained was 0.00. Thus, the test material can be considered as non irritant.
Conclusion	Requested by Nexus Pharma Co., Ltd., 'GLUTANEX Glow Therapy Pore Pad' can be considered as non irritant according to the results of the safety test.

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